

LISTING OF THE CLAIMS:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1. (Currently amended) A system for pervasive enablement of business processes, comprising:
 - 3 a workflow engine that executes a business process model;
 - 4 a context service supporting one or a plurality of synchronous query and
 - 5 asynchronous callback context functions, which that allows context-aware
 - 6 applications to obtain user context information;
 - 7 an interaction controller that acts as a proxy for one or more human
 - 8 participants in a workflow and
 - 9 receives specification of individual staff activities from the
 - 10 workflow engine, and
 - 11 upon receiving a staff activity specification,
 - 12 obtains context information of a partner instance from the
 - 13 context service to determine an appropriate collaboration modality for the partner
 - 14 instance, and
 - 15 forwards the engine responses from human partners back to
 - 16 the workflow engine, thereby handling individual interactions with human
 - 17 participants; and
 - 18 one or more modality adapters that encapsulate details of communicating
 - 19 with a specific collaboration modality to receive a task from the interaction
 - 20 controller and deliver the task to said partner instance in a modality-specific
 - 21 format.

- 1 2. (Original) The system in Claim 1, wherein the context service provides
- 2 dynamic context information about human participants.

- 1 3. (Previously presented) The system in Claim 2, wherein said dynamic context
- 2 information includes a human participant's location, activity, connectivity and
- 3 preferences.

- 1 4. (Original) The system of Claim 2, wherein the context service supports both
- 2 synchronous query and asynchronous callback context functions.

- 1 5. (Original) The system in Claim 1, further comprising an address book that
- 2 maps individual IDs to modality-specific addresses, the interaction controller
- 3 accessing the address book to look up a modality-specific address.

- 1 6. (Original) The system in Claim 1, wherein the modality adapters include the
- 2 adapters for instant messaging, email, e-meeting, discussion threads, phones,
- 3 pagers, and other communication devices.

- 1 7. (Currently amended) A method for pervasive enablement of business
- 2 processes, comprising the steps of:
 - 3 using a workflow engine that executes a business process model;
 - 4 using a context service supporting one or a plurality of synchronous query
 - 5 and asynchronous callback context functions to provide said workflow engine
 - 6 with user context information;
 - 7 receiving specification of individual staff activities from the workflow
 - 8 engine to an interaction controller that acts as a proxy for one or more human
 - 9 participants in a workflow;

10 obtaining context information of a partner instance from the context
11 service to determine an appropriate collaboration modality for the partner
12 instance;

13 directing human tasks to one of a plurality of modality adapters, each of
14 which is adapted to exchange data with said human participants in a
15 modality-specific manner to receive a task from the interaction controller and
16 deliver the task to said partner instance in a modality-specific format; and

17 gathering responses from human participants via said modality adapter.

1 8. (Original) The method in Claim 7, further comprising the step of mapping
2 individual IDs to modality-specific device addresses.

1 9. (Original) The method in Claim 7, wherein said directing step is based on an
2 explicit command when instantiating the business process model.

1 10. (Original) The method in Claim 7, wherein said directing step is based on
2 dynamic context information on said human participant.

1 11. (Previously presented) The method in Claim 10, wherein said dynamic
2 context information includes a human participant's location, activity, connectivity
3 and preferences.

1 12. (Original) The system of Claim 10, wherein the directing step supports both
2 synchronous query and asynchronous callback context functions.